



In the United States Patent and Trademark Office

Appn. Number: _____

Appn. Filed: _____

Applicant(s): Welbourne

Appn. Title: Laterally Ejecting Fluid Ejector --

Examiner/GAU: 1324

Mailed With Application

At: _____

Information Disclosure Statement

Commissioner of Patents and Trademarks
Washington, District of Columbia 20231

Sir:

Attached is a completed Form PTO-1449 and copies of the pertinent parts of the references cited thereon.

Following are comments on these references pursuant to Rule 98:

Patent No. 5,456,210 to Miller which describes a watering system for poultry and the like. The system includes a deflector bell which guides water jets downward into a cup. A perceived problem with this system is that if water is ejected at high pressure it can bounce from the bottom of the cup and splash vertically out of the cup.

Patent, No. 4,779,571 to Row describes a system which allows watering poultry which includes a cup with a raised central plateau portion that defines a cup supply hole fed from a connecting passage. A pecking tip is present, motion of which allows water passage past said cup supply hole.

Patent, No. 5,070,817 to Momont describes a system with a back flow preventing means.

Patent 4,402,343 to Thompson et al. also describes a system with back flow preventing means therewithin.

Patent No. 4,538,791 to Wostal describes a valve mechanism for a livestock watering bowl. The valve is operated by a plunger motion.

Additional Patents which describe systems which include the presence of back-flow restricting means are:

Patent No. 4,199,000 to Edstrom Sr. et al.



Patent No. 4,282,831 to Nilsen;
Patent No. 4,187,804 to von Taschitzki;
Patent No. 4,138,967 to Tamborrino;
Patent No. 4,047,503 to Wilmont;
Patent No. 3,868,926 to Olde;
Patent No. 3,527,193 to Smith; and
Patent No. 3,505,978 to Nilsen.

As regards systems which can be activated by mechanical action to cause liquid to flow therefrom, the most relevant Patents are:

Patent No. 4,089,350 to Gustin;
Patent No. 5,003,927 to Thompson; and
Patent No. 6,003,468 to Edstrom Sr. et al.
Patent No. 3,941,094 to Nilsen Jr.

Additional Patents which describe systems for performing functionally relevant processes are:

Patent No. 3,110,177 to Gustin et al.;
Patent No. 5,065,700 to Cross;
Patent No. 4,416,221 to Novey;
Patent No. 4,370,948 to Atkins;
Patent No. 4,819,585 to Dolan et al.
Patent No. 3,550,560 to Edstrom
Patent No. 4,320,891 to Cairns.

Additional Patents known to the Applicant are:

Patent No. 2,600,103 to Feck;
Patent No. 2,678,630 to Frederiksen;
Patent No. 3,812,823 to Ridder et al.;
Patent No. 4,187,804 to Von Taschitzki;
Patent No. 4,307,682 to Bollman;
Patent No. 4,539,938 to Maranell et al.;
Patent No. 6,073,584 to Schumacher;
Patent No. 3,941,094 to Nilsen Jr.;
Patent No. 3,550,560 to Edstrom;

Patent No. EP 0406607 to von Taschitzki;
Patent No. GB 2134765 to Mallinson.

SINCERELY,

JAMES D. WELCH
REG. NO. 31,216

A circular stamp with the words 'SEARCHED' at the top and 'SERIALIZED' at the bottom. In the center, it says 'APR 2 9 2005'. A small rectangular stamp is partially visible at the bottom right.

APP 2 9/2005

LIST OF PRIOR ART CITED BY APPLICANT
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U.S. PATENT DOCUMENTS

SEARCHER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE OR APPROVAL
AA	5426216	10/1995	Miller	119	75	
AB	4779571	10/1988	Ron	119	75	
AC	5070817	12/1981	Momont	119	75	
AD	4402343	9/1983	Thompson et al.	137	614.2	
AE	4538291	9/1985	Wortai	251	339	
AF	4199000	4/1980	Ederer	137	206	
AG	4282831	8/1981	Nilsen	119	75	
AI	4138967	2/1979	Tamburino	119	78	
AI	4047503	9/1977	Wilmot	119	75	
AJ	3868926	3/1975	Olde	119	75	
AK	3527193	9/1970	Sin, Th	119	72.3	

FOREIGN PATENT DOCUMENT

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
AL						YES	NO
AM							

ANNEES 1910-1920 ART Archival Author, Title, Date, Permanent Photo, Etc.

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ГЛАВА II

DATE CONSIDERED

EXAMINEE RI. Is this in reference considered, whether or not election is in conformance with MRP 607; Draw line through election if in conformance and not considered. Include copy of this form with your communication to applicant.

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Sheet 2 of 4

SEARCHED SERIAL NO. 1010-1447 MAY 19 1978	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTN. CONCERN NO.	SEARCHED NO. 10/613,840
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT	WILBOURNE
		FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	3 505978	4/1970	Niles			
AB	4 089350	3/1978	Gurin	118	45	
AC	5 003927	4/1991	Thompson	119	72.5	
AD	6 003468	12/1995	Edstrom, et al	119	72.5	
AE	4 1187804		Yonkochi Taki	119	72.5	
AF	5 065700	11/1991	Cross	119	72.5	
AG	4 416221	11/1983	Nevay	119	72.5	
AH	4 819585	4/1989	Dolan, et al.	119	72.5	
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AJ	4 370948	2/1983	Atkins	119	72.5	
AK	3 550530	12/1970	Edstrom	119	72.5	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
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AM							

OTHER PRIOR ART (Indicate Author, Title, Date, Publishing Place, Etc.)

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with 35 U.S.C. 102; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication to applicant.

USPTO-50 00-0000

Notice of References Cited		Application/Control No.	Applicant(s)/Patent Under Reexamination WELBOURNE, STEPHEN B.	
		Examiner David J Parsley	Art Unit 3643	Page 3 of 4

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-2,600,103	06-1952	Feck	119/77
B	US-2,678,630	05-1954	Frederiksen	119/75
C	US-3,812,823	05-1974	Ridder et al.	119/54
D	US-4,187,804	02-1980	von Taschitzki	119/72.5
E	US-4,307,682	12-1981	Bolman	119/75
F	US-4,539,938	09-1985	Maranell et al.	119/75
G	US-6,073,584	03-2000	Schumacher	119/72
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

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*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N	EP 0408807	01-1991	Europe	von Taschitzki	_____
O	GB 2134765	08-1984	United Kingdom	Mallinson	_____
P					
Q					
R					
S					
T					

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
U	
V	
W	
X	

^aA copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited			Application/Control No.	Applicant(s)/Patent Under Reexamination WELBOURNE, STEPHEN B.	
			10/613,840	Examiner David J Parsley	Art Unit 3643

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-3,941,094	03-1976	Nilsen, Jr.	119/80
	B	US-3,550,560	12-1970	Edstrom	119/72.5
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
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	J	US-			
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